

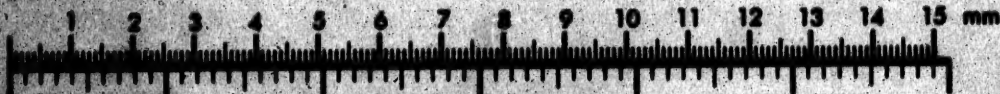


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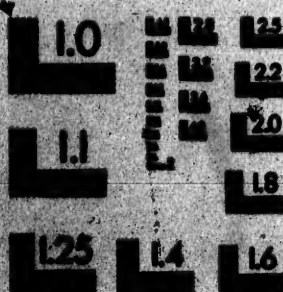
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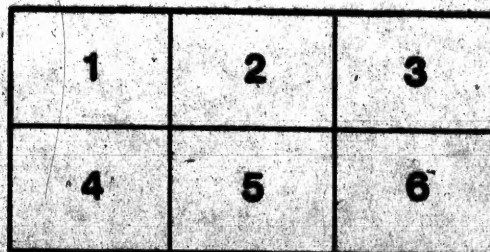
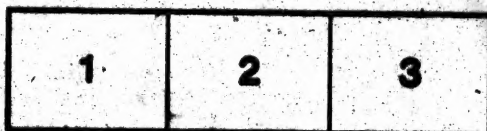
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TORONTO

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THIS fair city of ours, stretching along the blue waters of Lake Ontario, is not the largest city in our young Dominion, but even her more populous rival does not deny that she is the fairest and the most full of promise; and by common consent she is known all Canada over as the "Queen City of the West." Her progress has not been a slow and dreary pace; for her veins are full of vitality, and her heart fired with ambition. Some of the most enterprising spirits in Canada are ranked among her citizenship, and she counts among her business houses some of the greatest and most important trade institutions in the country. In all those factors that go to make a community prosperous and worthy, she will be found well supplied. No poisonous slums exist within her limits to harbor pestilence; her streets no longer lie under their old reproach, for many of them are paved and cleanly. Societies of every description of benevolent, moral and elevating aim, are busy among her citizens; her educational system is perfect as the age can give, and education has become the property of one and all. In art, too, she has much to show; and her late festival of choruses promises that in music she is destined to win a world-wide fame. The power of the pulpit in Toronto is great; and she emphatically is a church-going city. In walking her thoroughfares you find no empty houses; new buildings are being reared, and not in pairs, but frequently in whole streets. Consolidation and unification are going on by the incorporation, with the Queen City herself, of those thriving suburbs that girdle her loins with clusters of little communities—industrious, ambitious and intelligent.

RAILWAYS

From the heart of the city diverge a number of railways drawing to their wheels the products of the fairest and most fruitful portion of Ontario. For all this territory she is the distributing point, sending to the farmer what he needs of her manufactures, and receiving from him the product of his field and farm. Our chief mercantile houses are known to stand upon steady foundations; our Banks are here sturdy and in full force; and literature finds here the centre. In short, this young Queen of the West is the delight of all who come within her gates; and one who has enjoyed her citizenship seldom cares to cast his lot in any other quarter. We shall now briefly, and in regular order, touch upon the chief attractions which we have to offer the tourist who is desirous of spending a brief period here.

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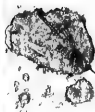
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Permanent Exhibition of Manufactures, 63, 65, 67, 69 Front St. W.
Custom House, Cor. Front and Yonge Sts.
Lieutenant-Governor's Residence, Cor. of King and Simcoe Sts.
Parliament Buildings, Front St.
St. Andrew's Church, Cor. King and Simcoe Sts.
Central Prison, Strachan Ave.
Zoological Gardens, Industrial Exhibition Grounds.
Industrial Exhibition Grounds and Palace.
Osgoode Hall, Law Courts, Queen St., opp. York St.
University Buildings, Queen's Park.
Monument to the Volunteers who fell at Ridgeway, Queen's Park.
Monument to the late Hon. George Brown, Queen's Park.
Provincial Lunatic Asylum Grounds, Queen St.
Normal School, Museum, etc., Gould St.
Horticultural Gardens, Gerrard St.
St. Michael's Cathedral (Roman Catholic), Bond St.
St. James' Cathedral (Episcopal), King St., cor. Church St.
St. Lawrence Market and City Hall Buildings, King and Front Sts.
Metropolitan Church (Methodist), Queen St., Cor. Church St.
Baptist Church, Jarvis St., Cor. Gerrard St.
Canadian Institute, Richmond St. E.
Old St. Andrew's Church, Jarvis St.
Unitarian Church, Jarvis St.
Post Office, Adelaide St.
Public Library, Church St., Cor. Adelaide St.
General Hospital, Gerrard St. E.
Rooms of the Ontario Society of Artists, 14 King St. W.
The Cemeteries—The Necropolis, St. James' and Mount Pleasant.
The Rosedale Bridges, the Bank Buildings, etc.

PLACES OF AMUSEMENT

Pavilion Music Hall, Horticultural Gardens, Gerrard St. E.
Grand Opera House, 5 Adelaide St. W.
Toronto Opera House, 27 Adelaide St. W.
Caledonian Skating Rink, Mutual St. E.
Granite Skating Rink, 471 Church St.
Metropolitan Roller Rink, 31 Shaw St. W.
Moss Park Skating Rink, Shuter St. E.
Hanlan's Point, the Island.
Zoological Gardens, Exhibition Grounds, Dufferin St. W.
Wiman Baths, the Island.
Turner Baths, the Island.
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Bank of Montreal, cor. Yonge and Front Streets.

Bank of Toronto, cor. Church and Wellington Streets.

Canadian Bank of Commerce, 59 Yonge Street.

Central Bank of Canada, 51 Yonge Street.

Dominion Bank of Canada, cor. King and Yonge Streets.

Federal Bank of Canada, Wellington Street West, opp. Jordan St.

Imperial Bank of Canada, Wellington Street East, Cor. Leader Lane.

Merchants' Bank of Canada, 13 Wellington Street West.

Molson's Bank, cor. King and Bay Streets.

Ontario Bank, cor. Wellington and Scott Streets.

Quebec Bank, cor. King and Toronto Streets.

Standard Bank of Canada, cor. Jordan and Wellington Streets.

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CHURCHES

Denomination.	Churches.	Principal Church.	Location.
Baptist	12	Jarvis Street	Cor. Jarvis and Gerrard Streets.
Bible Christian	4	Agnes Street	Cor. Agnes and Teraulay Streets.
Catholic Apostolic	1	Catholic Apostolic	Cor. Gould and Victoria Streets.
Congregational	6	Bond Street	Cor. Bond Street and Wilton Avenue.
Christadelphian	2	Albert Street	Albert St., north side, near Yonge St.
Episcopal	25	St. James' Cathedral	Cor. Church and King Streets.
Episcopal (Reformed)	2	Christ Church	Cor. Simcoe and Caer Howell Streets.
Hebrew Synagogue	1	Hebrew Synagogue	29 Richmond Street East.
Lutheran	1	Lutheran	114 Bond Street.
Methodist	22	Metropolitan	Queen St. E., between Bond & Church Sta.
Presbyterian	16	Old St. Andrew's	Cor. King and Simcoe Streets.
Roman Catholic	9	St. Michael's Cathedral	Shuter St., betw'n Bond & Church Sta.
Unitarian	1	First Unitarian	206 Jarvis Street.
New Jerusalem	1	New Jerusalem	Elm Street.
Society of Friends	1	Society of Friends	28 Pembroke Street.
Salvation Army	6	Salvation Temple	Cor. James and Albert Streets.





PUBLIC PARKS

Bellwoods Park.

High Park.

Horticultural Gardens.

Ketchum Park.

Kew Gardens.

Long Branch.

Lorne Park.

Queen's Park.

Riverdale Park.

Riverside Park.

Victoria Park.



TORONTO CLUBS

Albany Conservative Club. 75 Bay Street.
Argonaut Rowing Club. Foot of York Street.
Athenaeum Club. Corner Adelaide and Church Streets.
Bayside Rowing Club. Foot of Scott Street.
Caledonia Curling Club. Mutual Street Rink.
Don Rowing Club. King Street, near Don Bridge.
Granite Curling Club. 471 Church Street.
Moss Park Curling Club. Shuter Street.
National Club. 98 Bay Street.
Ontario Jockey Club.
Ontario Lacrosse Club.
Ontario Reform Club. 63 Wellington Street W.
Queen City Driving Club. 9 Berti.
Royal Canadian Yacht Club. Club House, Island.
Toronto Athletic Club.
Toronto Base Ball Club. Meets at Woodbine Hotel.
Toronto Bicycle Club. 5 Wilton Avenue.
Toronto Chess Club. Public Library Building.
Toronto Club. 79 York Street.
Toronto Cricket Club.
Toronto Draught Club. Mutual Street Rink.
Toronto Fencing Club. 40 Church Street.
Toronto Golf Club.
Toronto Gun Club.
Toronto Hunt Club.
Toronto Lacrosse Club.
Toronto Press Club. 148 Bay Street.
Toronto Reform Association. Room V., Yonge Street Arcade.
Toronto Rowing Club. Foot of York Street.
Toronto Sailing Skiff Club. Foot of Lorne Street.
Toronto Snowshoe Club.
Toronto Toboggan Club. Rosedale.
Toronto Yacht Club. Foot of Simcoe Street.
Wanderers' Bicycle Club. Victoria Street.
Young Men's Prohibition Club. Cor. Victoria and Richmond Sts.



TORONTO STREET RAILWAY

Union Station and North Toronto (RED LIGHT).—From Cor. Front and York to North Toronto. First car leaves Cor. Front and York Sta. 5-35 a.m.; North Toronto 6-08 a.m. Last car leaves Cor. Front and York Sta. 11-35 p.m.; North Toronto 12-08 a.m.; intervening every 10 minutes. Connects with Metropolitan St. Ry.

Yonge Street (RED LIGHT).—From Market to Cor. Yonge and Scollard Sta. First car leaves Market at 6-35 a.m.; Scollard 7-08 a.m. Last car leaves Market 11-25 p.m.; Scollard 12-05 a.m.; intervening every 5 minutes.

Queen Street (WHITE LIGHT).—From Market to Parkdale. First car leaves Market 5-30 a.m.; Parkdale 6-05 a.m. Last car leaves Market 11-30 p.m.; Parkdale 12-05 a.m.; intervening every 5 minutes.

Church Street (BLUE LIGHT).—From Cor. Front and York Sta. to Bloor St. First car leaves Cor. Front and York Sta. 5-55 a.m.; Bloor 6-20 a.m. Last car leaves Cor. Front and York Sta. 11-15 p.m.; Bloor 11-40 p.m.; intervening every 10 minutes.

Sherbourne Street (RED LIGHT).—From Cor. York and Front Sta. to Cor. Sherbourne and Bloor Sta. First car leaves Cor. Front and York Sta. 5-50 a.m.; Bloor 6-10 a.m. Last car leaves Cor. Front and York Sta. 11-30 p.m.; Bloor 12-00 a.m.; intervening every 10 minutes.

Winchester Street (GREEN LIGHT).—From Cor. Front and York Sta. to Necropolis Cemetery. First car leaves Cor. Front and York Sta. 5-53 a.m.; Necropolis 6-13 a.m. Last car leaves Cor. Front and York Sta. 11-23 p.m.; Necropolis 11-53 p.m.; intervening every 10 minutes.

Parliament Street (WHITE LIGHT).—From Cor. Front and York Sta. to Cor. Gerrard and River Sta. First car leaves Cor. Front and York Sta. 5-48 a.m.; River 6-08 a.m.; last car leaves Cor. Front and York Sta. 11-18 p.m.; River 11-48 p.m.; intervening every 20 minutes.

King Street (BLUE LIGHT).—From the Don to Strachan Ave. First car leaves Don 5-55 a.m.; Strachan Ave. 6-20 a.m. Last car leaves Don 11-25 p.m.; Strachan Ave. 12-00 p.m.; intervening every 5 minutes.

McCaul and College Sta. (RED AND BLUE LIGHT).—From Market to Cor. College and Bathurst Sta. First car leaves Market 5-50 a.m.; Bathurst 6-20 a.m. Last car leaves Market 11-23 p.m.; Bathurst 11-53 p.m.; intervening every 10 minutes.

Seaton Village via Spadina Ave. (YELLOW LIGHT).—From Market to Cor. Bathurst and Bloor Sts. First car leaves Market 5-38 a.m.; Bloor St. 6-18 a.m. Last car leaves Market 11-24 p.m.; Bloor St. 12-04 a.m.; intervening every 15 minutes.

Spadina Ave. and Bloor Street (RED AND GREEN LIGHT).—From Market to Cor. Spadina Ave. and Bloor St. First car leaves Market 5-44 a.m.; Bloor 6-17 a.m. Last car leaves Market 10-25 p.m.; Bloor 10-38 p.m.; intervening every 20 minutes.

Queen St. and Brockton (GREEN LIGHT).—From Cor. Front and George Sts. to Dundas St. Bridge, Brockton, via King, Yonge, Queen and Dundas Sts. First car leaves Cor. Front and George Sts. 5-27 a.m.; Dundas St. Bridge 6-12 a.m. Last car leaves Cor. Front and George Sts. 10-27 p.m.; Dundas St. Bridge 11-12 p.m.; intervening every 20 minutes.

Queen St. E. and Union Station (WHITE LIGHT).—From Cor. Front and York Sts. to Cor. Queen and River Sts. First car leaves Cor. Queen and River Sts. 6-30 a.m.; Cor. Front and York Sts. 6-54 a.m. Last car leaves Cor. Queen and River Sts. 10-14 p.m.; Cor. Front and York Sts. 10-38 p.m.; intervening every 15 minutes.

Carlton and College Streets (WHITE LIGHT).—From Cor. Carlton and Parliament Sts. to Cor. College and Bathurst Sts. First car leaves Cor. Carlton and Parliament Sts. 5-30 a.m.; Cor. College and Bathurst Sts. 6-00 a.m. Last car leaves Cor. Carlton and Parliament Sts. 11-00 p.m.; Cor. College and Bathurst Sts. 11-30 p.m.; intervening every 20 minutes.

Queen Street and Parkdale (GREEN AND RED LIGHT, STRIPE IN THE CENTRE).—From Cor. King and Yonge Sts. to Cor. Queen St. and Sorauren Ave. Parkdale. First car leaves Cor. King and Yonge Sts. 5-25 a.m.; Sorauren Ave. 6-05 a.m. Last car leaves Cor. King and Yonge Sts. 10-55 p.m.; Sorauren Ave. 11-35 p.m.; intervening every 15 minutes.

Metropolitan Street Railway.—Cars run North on Yonge Street from Canadian Pacific Railway Crossing, North Toronto, every half hour, from 6-00 a.m. to 11-00 p.m., for Deer Park, Mount Pleasant, Davisville, Eglington, etc.





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St. Michael's College.
Toronto Baptist University.
Wycliffe College.
Upper Canada College.
Bishop Strachan School.
Toronto School of Art.
Normal and Model Schools.
Collegiate Institute.
And numerous public and private schools.



POSTAL GUIDE

POSTAGE RATES—LETTERS.

Letters addressed from or to places in Canada and United States.

3 cents for each half oz. or fraction thereof.

Newfoundland and Great Britain.

5 cents for each half oz. or fraction thereof.

POST CARDS, for Correspondence between Canada and the United Kingdom, may be obtained at the stamp agencies at 2 cents each, as also cards for any postal union country. Cards with a prepaid reply form attached are also provided.

N.B.—One cent postal cards, with an extra cent stamp attached, cannot be used in place of two cents postal cards, but go to Dead Letter Office, nor can anything be pasted or attached to a postal card.

City or Drop Letters for City Delivery.

1 cent for each half oz. or fraction thereof.

The above rates must in every case be prepaid by postage stamp. When posted wholly unpaid they cannot be forwarded, but will be sent to the Dead Letter Office. If insufficiently paid (not less than one full rate) double the amount of the deficient postage will be charged on delivery.

There is a counter in the post office for the sale of Stamps, Postal Cards, etc. Stamp vendors are only allowed to sell and deliver Stamps at the place mentioned in their license. A breach of this rule will entail immediate forfeiture of License. Persons selling without a license incur the risk of a heavy penalty.

Letters intended to be Registered, when addressed to places in CANADA, must be prepaid by stamp, in addition to the postage rate, 2 cents each. To the UNITED STATES, 5 cents each, and to the UNITED KINGDOM, 5 cents each. The Registration fee on all letters must be prepaid by Registration Stamps, which are not available for payment of ordinary postage. All letters for Registration should be posted 15 minutes before the hour of closing the mails.

No Letter will be accepted at this office for Registration addressed either to a fictitious name or to initials; and any such Registered Letters received from other offices, or deposited in the Letter Box for Registration, will be sent to the Dead Letter Office.

Newspapers and Periodicals

published regularly at intervals of not more than one calendar month, addressed to regular subscribers, or newsmen, resident in Newfoundland, the United States, or Canada, except at the place of publication, are transmitted free of postage.

Transient Newspapers and Periodicals addressed to places in Canada, Newfoundland and U. S.

On all newspapers and periodicals other than those from the office of publication, including all newspapers and periodicals published less frequently than once a month, the postage rate is one cent per four ounces, which must be prepaid by postage stamp.

Newspapers and periodicals weighing *less than one ounce*, may be posted singly, prepaid by postage stamp *one half cent* each to places outside the city.

Newspapers posted for city delivery must be prepaid by one cent stamp each.

Newspapers addressed to places in the United Kingdom must be prepaid by postage stamp *one cent* per 2 oz., or fraction of 2 oz.

PARCEL POST.

There is no parcel post between Canada and the United States.

A parcel post, by the Canadian steamers only, between Canada and the United Kingdom has been established. A parcel must not exceed 3 lbs. weight, nor be more than 2 ft. long by 1 ft. wide or deep. A customs declaration form must be obtained and filled up at the post-office, noting contents and value. Parcels posted without this formality are subjected to a tax of double letter rate in England. The rate from Toronto to the United Kingdom is 35 cents per lb. or fraction of 1 lb. By inland Canadian Parcel Post the weight of parcels is limited to 5 lbs., and the size to 2 ft. by 1 ft. The rate is 6 cents per 4 oz., or fraction of 4 oz.

MONEY ORDER OFFICE.

In sending money by mail it is always best to transmit by Money Order if possible. If sent by letter it should always be registered.

Money Orders issued and paid from 9 a.m. to 4 p.m.

Commission on Money Orders.

On Money Orders drawn by any Money Order Office in Canada on any other Money Order Office in the Dominion, is as follows:

If not exceeding \$4, 3c.			Over 40 not exceeding \$60, 30c.		
Over 4	"	10, 5c.	" 50	"	80, 40c.
" 10	"	20, 10c.	" 80	"	100, 50c.
" 20	"	40, 20c.			

No single Money Order, payable in the Dominion of Canada, can be issued for more than \$100; but as many \$100 each may be given as the remitter requires.

The other countries and British Colonies upon which Money Orders are granted are distinguished by an *Asterisk* (*) in the subjoined table; the rates of commission in all cases being as follows:

If not exceeding \$10, 10c.				Over \$30 not exceeding \$40, 40c.			
Over \$10	"	"	20, 20c.	"	40	"	50, 50c.
"	20	"	30, 30c.				

BOOK PACKETS

not exceeding 5 lbs. in weight can be sent to the United Kingdom.

The limit of weight for Book Packets passing in Canada is 5 lbs. The rate is 1 cent for 4 oz., also to Manitoba, North-West Territory and Victoria B. C.

Legal and Commercial Papers.

Legal and Commercial papers, posted for places in Canada, generally are subject to *letter* rate unless sent by parcel post; except deeds and insurance policies, which are allowed to go by Book Post. Postage rates on Legal and Commercial Papers, addressed to Postal Union countries, are as follows: viz., to countries where the letter-rate is 5 cents per $\frac{1}{2}$ oz., the rate of legal and commercial papers is 5 cents for the first 10 oz., and one cent for each additional two oz. or fraction; or to countries where the letter rate is 10 cents per $\frac{1}{2}$ oz., the rate is 5 cents for the first 4 oz. and 2 cents for each additional 2 oz. or fraction.

PATTERN AND SAMPLE POST.

CANADA.—Patterns and samples of merchandise, not exceeding 24 ounces in weight, when posted in Canada for places within Canada or Newfoundland, must be prepaid by postage stamp at the rate of *one cent* per 4 ounces weight, and put up in such manner as to admit of inspection. Goods sent in execution of an order, however small the quantity may be, or articles sent by one private individual to another, not being actually trade patterns or samples, are not admissible as such.

UNITED STATES.—Patterns and samples of merchandise, posted for places in the United States, are subject to the special rate of 10 cents each, prepaid by postage stamp, and must not exceed 8 ounces in weight.

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Full particulars will be furnished on application to the Secretary.

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The Canadian Manufacturer

THE INDUSTRIAL JOURNAL

- - OF THE DOMINION OF CANADA - -

Published by the

Canadian Manufacturer Pub. Co., Ltd., Toronto

SUBSCRIPTION PRICE, \$2 A YEAR

FREDERIC NICHOLS, Editor J. J. GAGNEY, Man. Editor ED. MCCORMACK, Secretary

Office—6 WELLINGTON ST. WEST, TORONTO

CAB TARIFF

RATES OF FARE AUTHORIZED BY CITY ORDINANCE RELATIVE TO PUBLIC CARRIAGES, ETC., ETC.

Every Cabman, on each occasion when his cab is hired, when demanded, shall hand his card to the person employing him.

No fare is to be paid to any Cabman who refuses to hand his card to the person employing him, or who demands a greater rate than allowed by the following tariff.

THE CAB LIMITS

No. 1 Division will be composed of that portion of the city lying between Peter St. on the west, Sherbourne St. on the east, Carlton St. on the north, and the bay on the south.

No. 2 Division.—From Bathurst St. on the west, to Bloor St. on the north, and Sumach St. on the east.

No. 3 Division—Any point not included within the limits of the first and second Divisions.

TWO HORSE CABS

The fare by the hour will be, for two-horse cabs, one or four persons, \$1. Over four persons, 25 cents for each adult per hour.

From any one place in No. 1 Division to any other place in the same Division,—one person, 25 cents, and for each additional person, 25 cents.

For conveying one person from No. 1 Division to any place in No. 2 Division,—50 cents for one person, and 25 cents for each additional person.

For conveying one person from No. 1 Division to any place in No. 3 Division, 75 cents; for each additional person, 25 cents.

ONE HORSE CABS

For conveying one person from any one place within the limits of No. 1 Division to any other place within the limits of the same Division, 20 cents; for each additional person, 20 cents.

For conveying one person from any place in No. 1 Division to any place in No. 2 Division, 30 cents; for each additional person, 20 cents.

For conveying one person from No. 1 Division to any place in No. 3 Division, 50 cents; for each additional person 20 cents.

CHILDREN

No fare shall be charged for children under eight years in charge of an adult. Children over eight years and under 12 years charged half price; over that age, full fare.

NIGHT TARIFF

From the 1st May to the 31st October, inclusive, from 10 o'clock p.m. to midnight, the charge for cabs shall be one-half more than the above tariff, and after midnight to 6 o'clock a.m., double the above tariff; and from the 1st November to the 30th April, inclusive, from 6 o'clock p.m. to midnight, and after midnight to 6 o'clock a.m., the same additional charges.

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The Permanent Exhibition of Manufactures AND Commercial Exchange

ITS OBJECT - ITS FACILITIES - ITS ADVANTAGES

Before proceeding farther we invite your attention to the following:

Under the pressure of keen competition, economy in the manufacture of goods has been a constant source of study, and in most establishments every avenue of waste has been closed, and every perfected method of production has been adopted.

It is far different with the *distribution of goods*, and it is the very necessary economy in this direction that we have in view, as it matters not how cheaply goods may be manufactured if the expense of selling them is so great as to swallow up most of the margin of estimated profit. Many outside firms now have, and many more are finding out the necessity of having, a branch office in this city.

In many cases such offices are located on a side street, and are visited only by those who go there purposely on business bent. In maintaining such offices expense has to be incurred for salaries, rent, light, heat, caretaking, telephone, etc., etc., and no matter how the expense of each item is curtailed, the annual cost is bound to be a large one.

It is our object to afford a practical arrangement whereby this unavoidable expenditure may be *largely* reduced, while at the same time, the benefits sought to be attained will be very much greater. For a moderate rental we offer every advantage of a private branch office, with the additional advantage of being represented in a head centre or "commercial exchange," where an exhibitor's goods will be seen by thousands of business men throughout the year. To an appreciative extent it will change the existing order of things, as in many instances the customer will visit the agent instead of the agent having to hunt up the customer.

The Permanent Exhibition will be open, free to the public, every week-day.

Extensive advertising will keep the Exhibition and its advantages fresh in the minds of the people.

Every effort will be made to furnish attractions, which will ensure the entertainment and interest of the public.

Our building is situated in the centre of the business part of the City of Toronto. It is easy of access from all Hotels, Railway Stations and Steamboat Landings—in fact it is on the highway to all these places.

Every facility for the transaction of business will be provided in the building, such as telephone connection, telegraph and ticket office, postage stamp and news stand, private offices, reading room, etc., in order that all dispatch may be ensured.

Lavatory accommodation and sanitary conveniences are provided for the use of exhibitors and their agents.

Our storage facilities are unsurpassed, and the receiving and shipping of goods will receive prompt and careful attention.

Exhibitors may either appoint us selling agents or have their own representatives on the spot.

Power and shafting will be provided for exhibitors who may wish to show machinery in operation.

Instructed attendants will be in charge, for the purpose of explaining the merits of each exhibit to interested visitors.

Exhibitors can have printed on their office stationery, "When in Toronto call and see samples of our goods at the Permanent Exhibition of Manufactures." This may afford prospective purchasers an opportunity of personally inspecting goods, who might not otherwise visit outside towns for that purpose.

Exhibits will be seen by large numbers of business men who would not be apt to visit a private office unless on special business.

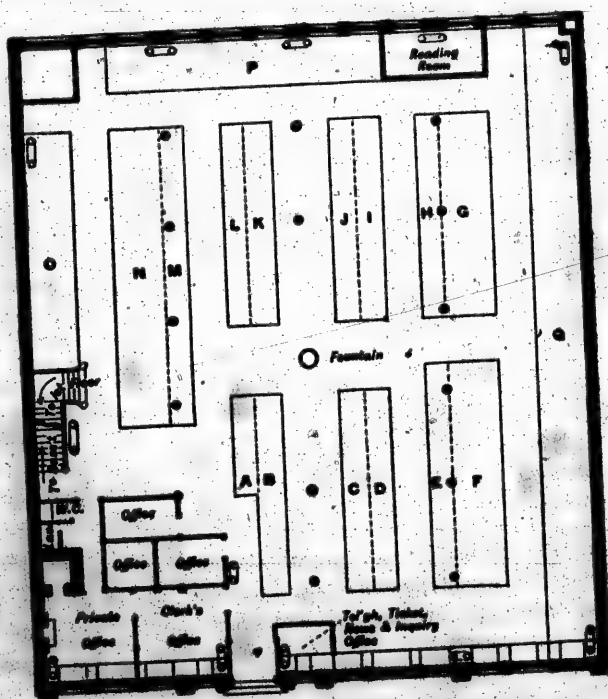
It is designed to supply the long felt want of a central exchange, wherein goods can be kept on show for the inspection of the thousands who come up month after month to this commercial metropolis.

It is also in contemplation to provide, for the convenience of outside manufacturers and for city merchants and brokers, suitable accommodation for meeting and transacting business, and which may be designated as a "CHAMBER OF COMMERCE," or "TRADE EXCHANGE." For example, a manufacturer whose works are located in an outside town, but who makes periodical business trips to Toronto, can advertise on his office stationery that either himself or representative may always be found, between stated hours on certain days, at the Permanent Exhibition. Other particulars, such as ACCOMMODATION FOR TRADE SALES, ETC., will be made public at a later date.

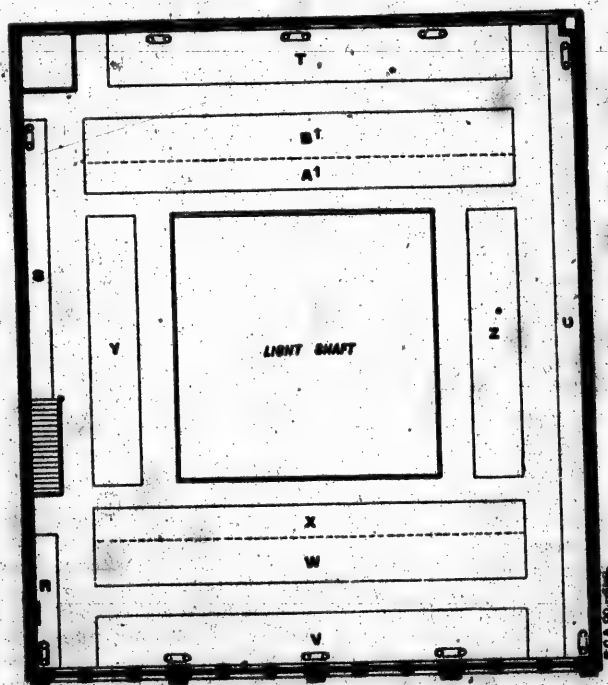
Yours truly,

NICHOLLS & HOWLAND.

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MESSRS. NICHOLLS & HOWLAND,
Toronto.

GENTLEMEN:

I N reply to your request as to what I think of the advantages of a Permanent Exhibition, I have pleasure in stating that I think it will supply a great need in the city, and will result in making it more a centre of trade than it is to-day.

We want Toronto to be a place where, so far as it is possible, everybody will be induced to come, because of a reasonable certainty of finding everything he may want that is worth having. Wishing you every success,

Sincerely yours,

W. H. HOWLAND,
Mayor of the City of Toronto.

0000

Federal Bank, Toronto.

MESSRS. NICHOLLS & HOWLAND,
Toronto.

DEAR SIRS:

I AM much pleased to learn that you are erecting a suitable building in Toronto, with machinery attachment, for the permanent exhibition of Canadian manufactures.

I think Canadian industries of nearly all kinds are passing from the incipient and uncertain stage to durable and profitable growth, and a well managed "sales and display" centre, such as you contemplate, would be a considerable and an interesting factor in creating business.

I assume, of course, that you would exclude articles of uncertain utility, and the rooms would be filled with such new and staple goods, as would make them a centre of attraction to buyers and others interested in the success of Canadian manufactures.

Yours truly,

G. W. YARKER.

MESSRS. NICHOLLS & HOWLAND,
Toronto.

DEAR SIRS:

I HAVE much pleasure in congratulating you upon the energy and enterprise exhibited in the establishment of a Permanent Exhibition of Manufactures. The venture is one deserving of every encouragement, and will, I have no doubt, prove of the greatest service to the manufacturing interests of the Dominion.

I would be glad to see the best of feeling exist between yourselves and the Industrial Exhibition Association; there should be no rivalry except such as conduces to the advancement of both, and your mutual welfare. Wishing you every success,

Yours truly,

D. R. WILKIE,
Cashier, Imperial Bank, Toronto.

0000

MESSRS. NICHOLLS & HOWLAND,
Toronto.

GENTLEMEN:

WE are in receipt of yours of the 12th inst., which, owing to a pressure of business, has not been answered sooner.

We consider your Permanent Exhibition of Manufactures will be of great benefit to many people, and, we trust, remunerative to yourselves. There is, no doubt, a fine opening for an Exhibition of that description in the city, and, should you secure the necessary patronage, it will, no doubt, prove a very great advantage to the exhibitors and the public in general. Wishing you success,

Yours truly,

H. A. MASSEY,
President, Massey Manufacturing Co.
Toronto.

MESSRS. NICHOLLS & HOWLAND,
Toronto.

DEAR SIRs:

I THINK the Permanent Exhibition will result in extending the business connections of those who may secure space in the building.

It should be a benefit to the city, because of its centralizing influence; to the exhibitor, because of the opportunity it affords him of placing his goods before the general public; and to the general public because of the facilities offered for inspecting a varied range of manufactures under one and the same roof.

Yours truly,

(Alderman) E. GALLEY,
Vice-President, Land Security Co.,
Toronto.

MESSRS. NICHOLLS & HOWLAND,
Toronto.

GENTLEMEN:

REFERRING to your project for establishing a Permanent Exhibition and Sales-rooms for Manufactures, would say that it has my entire approval.

It cannot fail to be a great benefit (especially to those in outside localities) to have so central and accessible a site as the one you have secured, where actual goods may be seen, and full information given.

Yours truly,

R. W. ELLIOTT.
Ex-President, Canadian Manufacturers' Ass'n.

MESSRS. NICHOLLS & HOWLAND,
Toronto.

DEAR SIRs:

IN reply to yours of 11th inst., I think the idea of a Permanent Exhibition of Manufactures in Toronto a good one, both for the city and for the manufacturers and merchants.

Profits are so small now-a-days that anything which tends to lessen the cost of handling goods must be a benefit to all concerned.

Yours truly,

WM. GRINDLAY,
Manager, Bank of British North America, Toronto.



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HIS EXCELLENCY THE GOVERNOR-GENERAL
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TORONTO FIRE ALARM SIGNAL BOXES

No.	
4	Cor. Front and Church
5	" Front and Yonge
6	" Bay and Esplanade
7	" Front and York
8	Parliament Buildings
9	Cor. Simcoe and Esplanade
12	" King and Bay
13	" King and York
14	" King and John
15	" King and Brock
16	" King and Bathurst
17	" Front and Bathurst
18	" Front and Brock
19	" Front and John
21	" King and Yonge
23	" King and Church
24	" King and Jarvis
25	" Esplanade and West Market
26	" Front and Frederick
27	Christie, Brown & Co's Factory
28	Cor. King and Sherbourne
29	" King and Berkeley
31	" Yonge and Adelaide
32	" Yonge and Queen
34	" Yonge and Shuter
35	" Bond and Wilton Ave.
36	" Yonge and Gould
37	" Yonge and McGill
38	" Yonge and Wood
41	" Queen and Elizabeth
42	" Queen and Simcoe
43	" Queen and Beverley
45	" Queen and Brock
46	" Queen and Portland
47	" Queen and Bathurst
48	" Queen and Claremont
51	" Queen and Church
52	" Queen and Jarvis
53	" Queen and Sherbourne
54	" Jarvis and Wilton Ave.
56	" Gerrard and Church
57	" Gerrard and Sherbourne
61	" Jarvis and Carlton
63	" Jarvis and Wellesley
64	" Sherbourne and Wellesley
65	" Sherbourne and Isabella
66	" Charles and Jarvis
67	" Charles and Church
71	" Bay and Richmond
72	" Louisa and Teranlay
73	" Agnes and Elizabeth
74	" Teranlay and Hayter
75	Hospital for Sick Children
76	Cor. Christopher and Chestnut
81	" Simcoe and Caer Howell
82	" Beverley and D'Arcy
83	" Beverley and College
84	" Harbord and Huron
85	" Bloor and Walmer Road
91	" Grosvenor and St. Vincent

No.	
92	Cor. St. Albans and St. Vincent
93	" Yonge and Wellesley
94	" Caer and North
95	" Yonge and Isabella
123	" Yonge and Bloor
124	Yonge, opp. St. Paul's Hall
125	Bloor, opp. St. Paul's Church
126	Cor. Cumberland and Belair
127	" Scottard and Hazelton Ave.
128	" Avenue Road and Bloor
132	" Avenue Road and Elgin Ave.
134	" Davenport Road and Belmont
135	" Yonge and Belmont
136	" Yonge and Cottingham
137	" Rosedale and Woodland Ave.
142	" St. Patrick and Spadina
143	" College and Spadina
145	" Brunswick and Harbord
146	" Bathurst and College
147	" College and Clifton
152	" Denison Ave. and High
153	" St. Patrick and Bathurst
154	" Denison Ave. and Cambridge
156	" Esplanade and Arthur
157	" Dundas and Ossington Ave.
162	" Queen and Dundas
163	" Queen and Liagar
164	" Dufferin and Florence
165	" Dundas and Brock Ave.
167	" Dovercourt & St. Ann's Road
172	" King and Stafford
173	Central Prison
174	Bridge Manufacturing Co.
175	Mercer Asylum
176	Exhibition Buildings
212	Cor. Berkeley and Esplanade
213	Gooderham & Worts' Distillery
214	Cor. Front and Trinity
215	" Front and Beachall
216	" King and Sumach
217	" Queen and River
231	House of Providence
234	Cor. Parliament and Queen
235	" Sydenham and Ontario
236	" Seaton and Wilton Ave.
237	" Parliament and Oak
241	" Parliament and Carlton
243	" Parliament and Amelia
245	" Winchester and Sackville
246	Lamb's Factory and Amelia
247	Cor. Gerrard and River
251	" Gerrard and Sackville
253	" Sumach and Wilton Ave.
254	" Queen and Broadview Ave.
256	" Queen and G. T. R. Crossing
261	Gooderham's Cattle Sheds
263	Cor. Broadview Ave. and Gerrard
264	" De Grassi and Grover
265	" Queen and Pape Ave.
271	" Queen and Leslie

TRAVELLER'S GUIDE

POPULATION, DISTANCE AND FARE FROM TORONTO TO

	Pop.	Miles.	Fare. \$ c.		Pop.	Miles.	Fare. \$ c.
Arnprior.....	2500	277	9 25	Petrolia.....	5000	162	4 90
Aurora.....	2000	30	90	Port Hope.....	5588	63	2 10
Barrie.....	5000	64	1 95	Prescott.....	3000	231	7 30
Beaverton.....	1000	73	2 15	Quebec.....	62447	505	15 45
Belleville.....	10076	113	3 75	St. Catharines.....	9500	72	2 15
Berlin.....	5000	62	1 95	St. John, N.B.....	30000	1093	21 50
Bowmanville.....	3650	43	1 45	St. Marys.....	3600	98	3 10
Bradford.....	1500	41	1 25	St. Thomas.....	11000	131	3 65
Brampton.....	3500	91	65	Sarnia.....	5318	163	5 00
Brantford.....	12000	70	1 95	Seaford.....	2600	111	3 45
Brockville.....	10000	208	6 95	Simcoe.....	3000	82	2 75
Chatham.....	8500	179	5 30	Stratford.....	9000	88	2 75
Clinton.....	2900	113	3 70	Strathroy.....	4000	136	4 00
Cobourg.....	5000	69	2 35	Thorold.....	2700	88	2 25
Collingwood.....	5300	94	2 85	Trenton.....	3800	101	3 35
Cornwall.....	7000	266	8 85	Uxbridge.....	2300	41	1 25
Elora.....	1500	98	1 90	Walkerton.....	2800	155	3 50
Exeter.....	1937	146	3 95	Welland.....	2600	88	2 55
Fergus.....	1900	101	1 90	Whitby.....	4000	30	1 00
Galt.....	6006	76	1 75	Windsor.....	7060	225	6 75
Gananoque.....	3000	178	6 20	Woodstock.....	6500	97	2 60
Georgetown.....	1700	39	90	Winnipeg.....	22000	1370	43 90
Goderich.....	4072	138	4 05				
Gravenhurst.....	2100	113	3 50	Albany.....	90,758	409	8 75
Guelph.....	11000	48	1 50	Baltimore.....	332,313	513	12 60
Hamilton.....	41280	40	1 20	Boston.....	362,339	610	13 25
Harriston.....	2000	92	2 85	Brooklyn.....	586,663	529	11 85
Halifax.....	36054	1191	26 00	Buffalo.....	155,134	107	3 15
Ingersoll.....	4500	107	2 90	Chicago.....	503,135	518	14 00
Kincardine.....	3000	160	4 65	Cincinnati.....	255,189	495	14 50
Kingston.....	17000	161	5 40	Cleveland.....	160,146	390	8 15
Lindsay.....	5540	75	2 05	Denver.....	35,629	1644	45 00
Listowel.....	3000	116	2 95	Detroit.....	116,340	225	6 75
London.....	38000	116	3 40	Jersey City.....	120,722	523	11 85
Meaford.....	2300	115	3 50	Kansas City.....	55,785	998	26 50
Mitchell.....	2500	98	3 10	Louisville.....	123,758	623	17 50
Montreal.....	160000	333	11 10	Milwaukee.....	115,587	594	16 55
Mount Forest.....	2500	87	2 65	Minneapolis.....	46,887	923	25 50
Napanee.....	4000	135	4 50	New Orleans.....	216,090	1424	31 85
Newmarket.....	2400	34	1 00	Newark.....	136,508	521	11 55
Orangeville.....	3500	49	1 50	New York.....	1,206,299	528	11 85
Orillia.....	4000	87	2 60	Philadelphia.....	847,170	612	11 85
Oshawa.....	4180	34	1 15	Pittsburg.....	156,389	230	9 15
Ottawa.....	32800	281	7 95	Providence.....	104,867	600	13 35
Owen Sound.....	5500	122	3 65	Rochester.....	80,366	159	4 15
Paisley.....	1100	169	5 95	San Francisco.....	233,959	3310	75 65
Paris.....	3400	69	2 00	St. Louis.....	350,518	906	20 75
Pembroke.....	4000	330	10 85	St. Paul.....	41,473	918	25 50
Perth.....	4000	249	6 05	Washington.....	147,293	555	13 80
Peterboro.....	9000	94	2 40				

Toronto.....130,000

HOTEL GUIDE FOR DOMINION OF CANADA

PLACE	PROPRIETOR	Rate per day BUS, ETC.
Barrie	Queen's Hotel (new)	A. W. Brown. \$1 50 Free.
Bellefille, Ont.	Dafoe House	Huffman & Balkwell. 1 25 to 1 50
Bellefille, Ont.	Queen's Hotel	Sibbitt & Co. 1 00
Berlin	Commercial Hotel	J. S. Weaver Sample r'ms.
Bowmanville, Ont.	Alma Hotel	W. B. McGaw 1 00
Brampton	Queen's Hotel	M. Deady 2 00 Free.
Brantford	Kerby House	J. C. Palmer 1 00 Union.
Brantford	American Hotel	{ A. T. Cutler, Prop. J. Cutler, Man. 1 00
Brighton	Snider House	Peter Snider 1 00
Brighton, Ont.	Clarke House	R. G. Clarke Free.
Brockville	Grand Central Hotel	R. Williams
Brockville, Ont.	St. Lawrence Hall	Amos Robinson 1 00 15 Cents.
Caledonia, Ont.	Union Hotel	E. T. Hind
Centreville, Ont.	Centreville House	Thos. Lavaque Sample room
Chatham, Ont.	Garner House	S. Perrin 1 50
Clinton, Ont.	Commercial Hotel	Jas. Moore 1 00
Cobourg	The Arlington	W. B. Chamblis 1 50 Free.
Cobourg, Ont.	Horton House	S. E. McCartney 1 50
Cobourg, Ont.	Danham Hotel	M. B. Williams 1 50 Free.
Collingwood	Central Hotel	Thos. Collins 1 50
Collingwood	Globe Hotel	J. Rowland 1 00
Colborne, Ont.	Globe Hotel	H. Hicks 1 50 Free.
Dunnville, Ont.	Mansion House	Mrs. Pigeon 1 50 Union.
Dunnville, Ont.	Royal Hotel	Jas. Moss 1 00 Free.
Durham, Ont.	Middaugh House	H. J. Middaugh 1 to 1 50
Elora, Ont.	Commercial Hotel	T. Biggar 1 to 1 50
Farmersville, Ont.	Gamble House	R. H. Gamble 1 00 Free.
Farnham	American House	Louis Labonte 1 00 Union.
Galt, Ont.	Imperial Hotel	A. F. Cutler 1 50 to 2 00
Galt	Queen's Hotel	C. Lowell
Gananoque	International Hotel	D. Brophy
Halifax, N.S.	Halifax Hotel	H. Heaslein & Co. 2 00 to 3 00
Halifax, N.S.	Queen's Hotel	M. J. Sheraton 1 00 Free.
Harrison, Ont.	Collison House	John Collison Free.
Harrison, Ont.	Bingham's Royal Hotel	J. R. Bingham 1 00
Hespeler	Commercial Hotel	O. T. Baker 1 50 to 2 50 Union.
Kingston	British American	Arch. McFaul 1 50
Kingston	Windsor Hotel	Martin O'Brien 2 00 to 3 00 Union.
Kingston, Ont.	City Hotel	Jas. Jackson 1 00 to 1 50
Lennoxville, P.Q.	College House	A. Colby & Son 1 50
London	Grigg House	Sam'l Grigg
London	Tecumseh House	McGaw & Winnett 1 00 Free.
Lucknow, Ont.	Whitely House	R. J. Whitely 1 00 Free.
Marieville, P.Q.	Marieville Hotel	G. Poulin 1 50 Free.
Meaford	Paul's Hotel	Mrs. Pacel
Moncton, N.B.	The Brunswick	{ G. McSweeney & Co. Geo. D. Fuchs, Man. 1 50 to 2 00 Free.
Montreal	Richelieu Hotel	I. B. Durocher 1 50 to 2 50
Montreal	Windsor	(a) 3 to 3 50 25 Cents.
Montreal	St. Lawrence Hall	H. Hogan (1) 1 50
Montreal	Albion Hotel	Stearns & Murray 1 00
Montreal, P.Q.	Low's Hotel	N. Chaffee
Montreal, P.Q.	Kingston House	T. H. Waddell 1 50 to 2 00
Montreal, P.Q.	New York House	D. A. Melvin
Montreal, P.Q.	Hotel Notre Dame	H. Desjardy & Co. 1 50
Montreal, P.Q.	Waverley House	M. O'Reilly 1 00
Montreal, P.Q.	Sydenham Hotel	Mrs. Boyd 6 tick 1 00
Montreal, P.Q.	Roya Coffee House	R. Brown 1 00
Montreal	Toronto Hotel	
Montreal	Sportsmen's Retreat	Wm. J. Carney
Montreal	Western House	F. Chapman 1 50
Morrisburg, Ont.	St. Lawrence Hall	J. J. McGannon & Bro. 1 50 Free.
Mount Forest	Queen's Hotel	W. Roberts
Niagara	Queen's Royal	McGaw & Winnett
Newcastle, Ont.	Windsor Hotel	R. Bennett & Son Union.

THE QUEEN'S HOTEL

TORONTO

Strictly First-Class in all its Appointments

Celebrated for its home comforts, perfect quiet, excellent attendance, and the peculiar excellence of its cuisine. It has been patronized by their Royal Highnesses Prince Leopold and the Princess Louise, the Marquis of Lorne, Lord and Lady Dufferin, the Marquis and Marchioness of Lansdowne, and the best families. Is most delightfully situated near the Bay on Front Street, and is one of the largest and most comfortable hotels in the Dominion of Canada.

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In connection with our Permanent Exhibition we have a Special Department for the Sale and Display of Patented Inventions.

NICHOLLS & HOWLAND

PERMANENT EXHIBITION OF MANUFACTURES

63, 65, 67, 69 Front Street West

TORONTO, CANADA

Correspondence Invited.

HOTEL GUIDE—Continued

PLACE.		PROPRIETOR.	Rate per day	Bus, ETC.
Napanee	Brisco House	T. Empey & Sons	Sample r'm.	Sample r'm.
Ogdensburg, N.Y.	DeLack House	Geo. DeLack	\$1 00	R.R. Sta.
Ottawa, Ont.	Windsor House	S. Daniels	2 00	30 Cents.
Ottawa	Russell House	I. A. Gouin	2 50 to 3 50	
Ottawa	Royal Exchange Hotel	J. Johnson	Com. \$1	1 50
Ottawa	British Lion Hotel	H. Alexander	1 00	
Ottawa	Dominion Hall	Geo. Simms	1 00	
Ottawa	Wellington Hotel	Martin McDonald		
Ottawa	Argyle Hotel	Geo. Acres	1 00	
Ottawa	Occidental Hotel	M. Beauvais	1 to 1 50	Union.
Oshawa, Ont.	Central Hotel	Jas. Cochrane	1 50	Free.
Owen Sound	Coulson House	H. Crozier		Free.
Owen Sound	Queen's Hotel	Wm. Matthews	1 50	
Perth	Allan House	I. C. Grant	1 00	
Pt. Levi, P. Q.	Montreal Hotel	G. McKibbin	1 50	Free.
Port Hope	Queen's Hotel	A. Adams	2 to 2 50	
Pembroke	Copeland House	Thos. A. Mulligan		Fr. class.
Prescott, Ont.	Daniels' Hotel	L. H. Daniels	1 00	Union.
Prescott, Ont.	Bradley House	Mrs. J. Bradley	1 to 1 50	
Prescott, Ont.	Kyair House	A. Ryan		
Quebec	St. Louis Hotel	Willis Russell, Pres.	(1) 2 00	
Quebec	Mountain Hill House	E. Dion & Co.	1 50	
Quebec	Henchey's Hotel	P. Henchey	1 to 1 50	
Quebec, P. Q.	Blanchard's Hotel	Capt. N. Pelletier	1 50 to 2 50	
Quebec, P. Q.	Albion Hotel	L. M. Blouin	1 to 2 50	
Riviere du Loup	Larochelle Hotel	Edmond Taibot		
Sackville, N. B.	Brunswick House	G. B. Estabrooks & Sons	1 50	Free.
Seaford	Commercial Hotel	John Campbell	1 50 to 2 50	
Sherbrooke, P. Q.	Sherbrooke House	Cote & Meaghe		
Simcoe, Ont.	Battersby House	John Dixon		
Sorel, P. Q.	The Brunswick	A. Belevau	1, 1 50 & 2	Free.
St. Catharines, Ont.	Weiland House	Carroll & King	1 00	Union.
St. Catharines, Ont.	International Hotel	P. W. Raymer		
St. Hyacinthe, P. Q.	Hotel Yamaska	J. E. Perrault		
St. John's, P. Q.	St. John's Hotel	F. Monette	3 to 3 50	
St. John, N. B.	Hotel Dufferin	Fred. A. Jones	2 50 to 3	
do.	Royal Hotel	Theo. T. Raymond	1 to 1 50	
do.	Bangor House	R. Clark	1 25 to 1 75	
do.	Ottawa Hotel	E. Coeman	1 50 to 2 00	
do.	Brunswick Hotel	N. A. Parlee	1 50 to 2 00	
do.	Queen's Hotel	J. Deckie	1 00 to 1 50	
do.	Central Hotel	J. W. Roop	1 50 to 2 00	
do.	Park Hotel	W. Conway		
do.	Clifton House	A. N. Peters	1 50	Union.
St. Thomas, Ont.	Hutchinson House	Alex. McBride	1 to 2 00	
Statford	Commercial Hotel	T. Hagarty		
Toronto	Queen's	McGaw & Winnett	2 50 to 4	
Toronto	Kossin House	Mark F. Irish	2 00	
Toronto	Walker House	David Walker	1 to 1 50	Free.
Toronto	Windsor Hotel	B. White	1 to 1 50	Union.
Toronto	Revere House	J. J. Jamieson	1 50	Union.
Toronto	Shakespeare Hotel	E. A. O'Grady	2 to 3 50	10 Cents.
Toronto	Clarence Hotel	F. G. Richards, jr.	1 to 1 50	Free.
Victoria, B. C.	Occidental Hotel	Joseph Bayley		Terms.
Victoria, B. C.	Driard House	Redon & Hartnagel	1 to 1 50	
Victoria, B. C.	St. Nicholas Hotel	McCartney & Verner	1 to 1 50	Free.
Victoria, B. C.	Windsor Hotel	Alex. McDonald	1 to 1 50	Terms.
Victoria, B. C.	Brunswick Hotel	W. E. & Osterhout	1 50	Terms.
Waterford, Ont.	Commercial Hotel	H. F. Teeter		
Waterloo, Ont.	Barman's Hotel	H. Zimmerman		
Waterloo, Ont.	Commercial Hotel	Jacob Seyler	1 50	Free.
Welland, Ont.	Dexter House	E. Hoover	1 40	Union.
Whitby, Ont.	Ontario House	John Leslie	1 to 1 50	
Windsor, Ont.	Great Western Hotel	G. W. Payne	1 to 1 50	
Woodstock, Ont.	Commercial	John Forbes		
Yarmouth, N. S.	Hotel Lorne	Ryerson & Son		

Providence Steam Trap Co'y

(ESTABLISHED 1860)

MANUFACTURERS OF

Newton's Patent Steam Trap

FOR HIGH AND LOW PRESSURE

Received the Highest Award at the Novelties Exhibition of the Franklin Institute of Philadelphia, Pa., for Steam Traps, 1885

R. NEWTON, Supt. & Treas., PROVIDENCE, R.I.

Warranted for One Year. 30 Days' Trial Given
Perfectly Automatic, and requires no Attention

This Trap is acknowledged by leading practical Engineers and Manufacturers to be the most simple, effective and durable Trap in the United States or Europe. It is perfectly free from the various troubles caused by expansion or contraction. No glands or stuffing boxes are required, and no compound cylinders or copper rods are used. The Trap repairs itself, needs no lubrication, and will last twenty years. The cover can be removed at any time and the working parts readily examined. When steam is turned off for the night, the cylinder sinks, and the apertures are ready for the passage of water when steam is turned on again. No valves have to be open to allow the escape of foul air, no pipes break, there is no delay on account of contraction or expansion, and the trap is always ready for its work. It is a perfect automatic steam trap, and does not require any lubrication or attention whatever.

At the higher pressure the trap acts even better than at the low pressure, but will work anywhere from one pound to one hundred and forty.

Manufacturers who are troubled with danger of water in the cylinders will find this trap valuable when attached to their main steam-pipe between the boiler and engine.

DESCRIPTION

When the Trap is first set and the box filled with water to the outlet N, the copper cylinder C remains up, and the inlet A from the steam pipes is closed. The water in the box now enters the cylinder through the hole F, causing it to drop to position E, thereby opening the valve A, and letting the water from the pipes into the cylinder. The steam pressure follows this water and forces it out into the box through the tube D, and thence through the outlet N. The cylinder then rises and the process is repeated.

		Price, \$25 00
$\frac{3}{4}$ in. Trap will drain 600 feet of $\frac{1}{4}$ piping,		
$\frac{3}{4}$ in. " " 1,200 " " " " " " " " " " " "		35 00
$\frac{3}{4}$ in. " " 2,000 " " " " " " " " " " " "		45 00
$\frac{3}{4}$ in. " " 4,000 " " " " " " " " " " " "		55 00
$\frac{3}{4}$ in. " " 5,500 " " " " " " " " " " " "		65 00

These Steam Traps are $\frac{1}{4}$ inch larger than represented, except the $\frac{3}{4}$ which is $\frac{1}{2}$ inch.

MILLER BROS. & MITCHELL, Montreal, Que.

NICHOLLS & HOWLAND, Sole Agents for Ontario.

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